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1 gccagccccc gauugggggc gacacuccac cauagaucac uccccuguga ggaacuacug
61 ucuucacgca gaaagcgucu agccauggcg uuaguaugag ugucgugcag ccuccaggac
121 cccccucucc gggagagcca uaguggucug cggaaccggu gaguacaccg gaauugccag
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361 cucaaagaaa aaccaaaggg cgcgccaugc acccagaaac gcuggugaaa guaaaagaug
421 cugaagauca guugggugca cgaguggguu acaucgaacu ggaucauac agcgguaaga
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1501 aacccccac cuggcgacag gugccucugc ggccaaaagc cacguguaua agauacaccu
1561 gcaaaggcgg cacaacccca gugccacguu gugaguugga uaguugugga aagagucaaa
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1861 accuugucac cgcacuaaa gcuguuccuc gcuaggcuca uauggguguu acaauuuuu
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2401 auacaucug gaccggcaga cagccuugaa gggcaggggu ggcgacuccu cgcgccuau
2461 acggccuacu cccaacagac gcgaggccua cuuggcugca ucaucacuag ccucacaggc

FIG. 1A

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2521 cgggacagga accaggucga gggggagguc caaguggucu ccaccgcaac acaaucuuuc
2581 cuggcgaccu gcgucaaugg cguguguugg acugucuauc auggugccgg cucaaagacc
2641 cuugccggcc caaaggggccc aaucacccaa auguacacca auguggacca ggaccucguc
2701 ggcuggcaag cgccccccgg ggcgcguucc uugacaccau gcaccugcgg cagcucggac
2761 cuuuacuugg ucacgaggca ugccgauguc auuccggugc gccggcgggg cgacagcagg
2821 gggagccuac ucucucccag gcccgucucc uacuugaagg gcucuucggg cgguccacug
2881 cucugccccc cggggcacgc ugugggcauc uuucgggcug ccgugugcac ccgagggguu
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3961 cucacgcccg ccgagaccuc aguuaagguug cgggcuuacc uaaacacacc agggguugccc
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4081 gcccauuucu ugucccagac uaagcaggca ggagacaacu ucccuaccu gguagcauac
4141 caggcuacgg ugugcgccag ggcucaggcu ccaccuccau cgugggacca aauguggaag
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4261 gccguucaaa acgagguuac uaccacacac ccacuaacca aaauacaucau ggcaugcaug
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4981 agcggcgaga ugcccuccac cgaggaccug guuaaccuac uccugcuau ccucuccccu

FIG. 1B

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5041 ggcgcccuaug ucgucgggggu cgugugcgca gcgauacugc gucggcacgu gggcccaggg
5101 gagggggcgug ugcaguggau gaaccggcug auagcguucg cuucgcgggg uaaccacguc
5161 uccccacgc acuaugugcc ugagagcgac gcugcagcac gugucacuca gauccucucu
5221 agucuuacca ucacucagcu gcugaagagg cuucaccagu ggaucaacga ggacugcucc
5281 acgccaugcu ccggcucgug gcuaagagau guuugggauu ggauaugcac gguguugacu
5341 gauuucaaga ccuggcucca guccaagcuc cugccgcgau ugccgggagu ccccuucuc
5401 ucaugucaac guggguaaca gggagucugg cggggcgacg gcaucaugca aaccaccugc
5461 ccauguggag cacagauac cggacaugug aaaaacgguu ccaugaggau cgugggggccu
5521 aggaccugua guaacacgug gcauggaaca uccccauua acgcguacac cacgggcccc
5581 ugcacgccc uccccggcgcc aaauuauucu agggcgcgug ggcggguggc ugcugaggag
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5701 guaaagugcc cgugucaggu uccggcccc gaauucuca cagaagugga uggggugcgg
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6061 aaccuccugu ggcggcagga gauggggcgg acaucaccc gcguggaguc agaaaauaag
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6361 aagaggacgg uuguccuguc agaauuacc gugucuucug ccuuggcgga gcucgccaca
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6541 ccccuugagg gggagccggg ggaucggau cucagcgacg ggucuugguc uaccguaagc
6601 gaggaggcua gugaggacgu cgucugcugc ucgauguccu acacauggac aggcggccug
6661 aucacgccau gcgcugcgga ggaaaccaag cugcccauca augcacugag caacucuuug
6721 cuccgucacc acaacuuggu cuaugcuaca acaucucgca gcgcaagccu gcggcagaag
6781 aaggucaccu uugacagacu gcagguccug gacgaccacu accgggacgu gcucaaggag
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6901 cugacgcccc cacauucggc cagaucuaaa uuuggcuau gggcaaagga cguccggaac
6961 cuauccagca aggccguuaa ccacaucggc uccgugugga aggacuugcu ggaagacacu
7021 gagacaccaa uugacaccac caucauggca aaaaauaggg uuucugcgcu ccaaccagag
7081 aagggggggc gcaagccagc ucgccuuau guauuccag auuugggggu ucgugugugc
7141 gagaaaugg cccuuuacga uguggucucc acccuccuc aggcggugau gggcucuuca
7201 uacggauucc aaucucucc uggacagcgg gucgaguucc uggugaauugc cuggaaagcg
7261 aagaaugcc cuaugggcuu cgcauugac acccguguu uugacuacac ggucacugag
7321 aaugacauc guguuaggga gucaauucac caauguugug acuuggcccc cgaagccaga
7381 caggccauaa ggucgcucac agagcgguu uacaucgggg gccccugac uaaauucuaa
7441 gggcagaacu gcggcuauug ccggugccgc gcgagcgug uacugacgac cagcugcggu
7501 aaauccuca cauguuacuu gaaggccgu gcggccugc gagcugcgaa gcuccaggac

FIG. 1C

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7561 ugcacgaugc ucguaugcgg agacgaccuu gucguuauuc gugaaagcgc ggggacccaa
7621 gaggacgagg cgagccuacg ggccuucacg gaggcuauga cuagauacuc ugccccccu
7681 ggggacccgc ccaaaccaga auacgacuug gaguugauaa caucaugcuc cuccaauug
7741 ucagucgcgc acgaugcauc uggcaaaagg guguaucuauc ucacccguga cccaccacc
7801 ccccuugcgc gggcugcgug ggagacagcu agacacacuc cagucaauuc cuggcuaggg
7861 aacaucauca uguaugcgcc caccuugugg gcaaggaua uccugaugac ucauuucuc
7921 uccaucuuuc uagcucagga acaacuugaa aaagcccuag auugucagau cuacggggcc
7981 uguuacucca uugagccacu ugaccuaccu cagaucuuuc aacgacucca uggccuuagc
8041 gcuuuuucac uccauaguua cucuccaggu gagaucaaua ggguggguuc augccucagg
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8161 cuacuguccc aggggggggag ggcugccacu uguggcaagu accucuuaa cugggcagua
8221 aggaccaagc ucaaacucac uccaaucccg gcugcguccc aguuggauuu auccagcugg
8281 uucguugcug guuacagcgg gggagacaua uaucacagcc ugucucgugc ccgacccgc
8341 ugguucaugu ggugccuacu ccuacuuuc guagggguag gcaucuauc acuccccaau
8401 cgaugaaggu ugggguaaac acuccggccu cuuaggccau uuccucucu uuuuuuguuu
8461 uuuuggguuu uuuuguuuuu uuucuuuuuu uuuuuuuuu uuucuuuuuu ccuucuuuu
8521 uuucucuuuu uuucuuuuu aaugguggcu ccaucuuagc ccuagucacg gcuagcugug
8581 aaagguccgu gagccgcaug acugcagaga gugcugauac uggccucucu gcagaucaug
8641 ugggucggca uggcaucucc accucccgc gguccgaccu gggcauccga aggaggacgu
8701 cguccacucg gauggcuaag ggagagcucu ag

FIG. 1D

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1 gccagccccc gattgggggc gacactccac catagatcac tcccctgtga ggaactactg
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121 cccccctccc gggagagcca tagtggctct cggaaccggg gagtacaccg gaattgccag
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361 ctcaaagaaa aaccaaagg cgcgccatgc acccagaaac gctggtgaaa gtaaaagatg
421 ctgaagatca gttgggtgca cgagtgggtt acatcgaact ggatctcaac agcggtgaaga
481 tccttgagag ttttcgccc gaagaacgtt tccaatgat gagcactttt aaagtctctgc
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601 actattctca gaatgacttg gttgagtact caccagtcac agaaaagcat cttacggatg
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721 acttacttct gacaacgatc ggaggaccga aggagctaac cgcttttttg cacaacatgg
781 gggatcatgt aactcgctt gatcgttggg aaccggagct gaatgaagcc ataccaaacg
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1021 gagccggtga gcgtgggtct cgcggtatca ttgcagcact ggggccagat ggtaagccct
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2341 cggccccgg tcttcacgga caactcgtcc cctccggccg taccgcagac attccagggtg
2401 gcccactctac acgccccctac tggtagcggc aagagcacta aggtgccggc tgcgtatgca
2461 gcccagggt ataaggtgct tgcctgaac ccgtccgtcg ccgccaccct aggtttcggg

FIG. 2A

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2521 gcgtatatgt ctaaggcaca tggatatgac cctaacaatca gaaccgggggt aaggaccatc
2581 accacgggtg ccccatcac gtactccacc tatggcaagt ttcttgccga cgggtggtgc
2641 tctgggggcg cctatgacat cataatatgt gatgagtgcc actcaactga ctcgaccact
2701 atcctgggca tcggcacagt cctggacca gaggagacgg ctggagcgcg actcgctgtg
2761 ctgcccaccg ctacgcctcc gggatcggtc accgtgccac atccaaacat cgaggagggtg
2821 gctctgtcca gactggaga aatccccctt tatggcaaag ccatccccat cgagaccatc
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3841 gatgagatgg aagagtgcgc ctcacacctc ccttacatcg aacagggaat gcagctcgcc
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3961 gctgctcccg tgggtggaatc caagtggcgg accctcgaag ccttctgggc gaagcatatg
4021 tggaatttca tcagcgggat acaatattta gcaggcttgt cactctgcc tggcaacccc
4081 gcgatagcat cactgatggc attcacagcc tetatacca gcccgctcac caccaacat
4141 accctcctgt ttaacatcct ggggggatgg gtggccgccc aacttgctcc tcccagcgt
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4921 accacgggcc cctgcacgcc ctccccggcg ccaattatt ctagggcgct gtggcgggtg
4981 gctgctgagg agtacgtgga ggttacgcgg gtgggggatt tccactacgt gacgggcatg

FIG. 2B

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5041 accactgaca acgtaaagtg cccgtgtcag gttccggccc ccgaattctt cacagaagtg
5101 gatgggggtgc ggttgccacag gtacgtccca gcggtgcaaac ccctcctacg ggaggaggtc
5161 acattcctgg tcgggctcaa tcaatacctg gttgggtcac agtccccatg cgagcccga
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5461 tcagaaaata aggtagtaat tttggactct ttcgagccgc tccaagcggg ggaggatgag
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5641 tacgtccctc cagtgttaca cgggtgtcca ttgccgctg ccaaggcccc tccgatacca
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6661 acggtcaccg agaacgacat ccgtgttgag gagtcaattt accaatgttg tgacttggcc
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7441 tcatgcctca ggaaacttgg ggtaccgcc ttgcgagctt ggagacaccg ggcccggaat
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FIG. 2C

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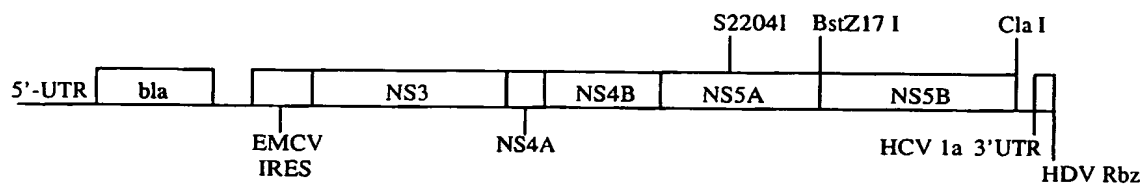
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7741 ctctctccca atcgaatgaag gttggggtaa aactccggc ctcttaggcc atttctctc
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7981 ctgcagatca tgtgggtcgg catggcatct ccacctctc gcggtccgac ctgggcatcc
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FIG. 2D

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A.



B.

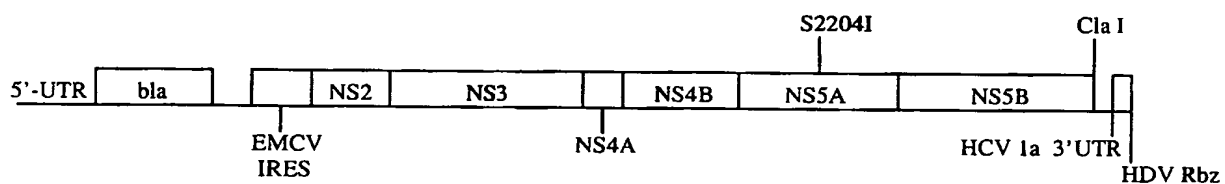


FIG. 3

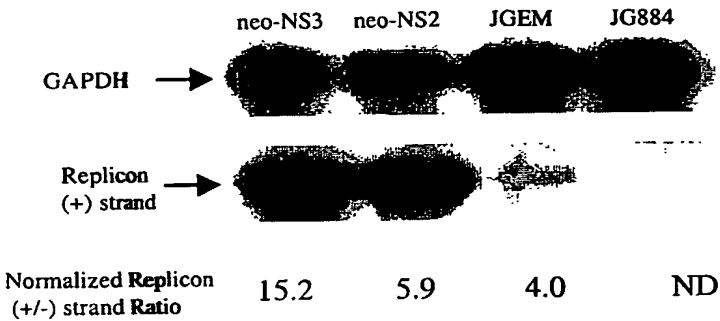


FIG. 4

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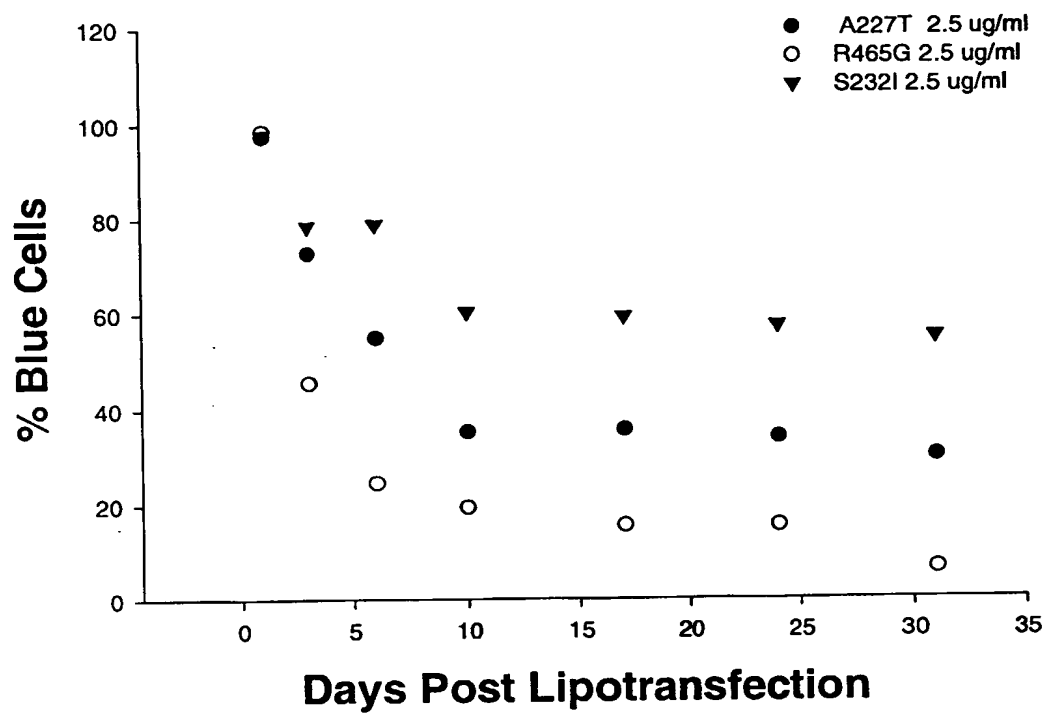


FIG. 5

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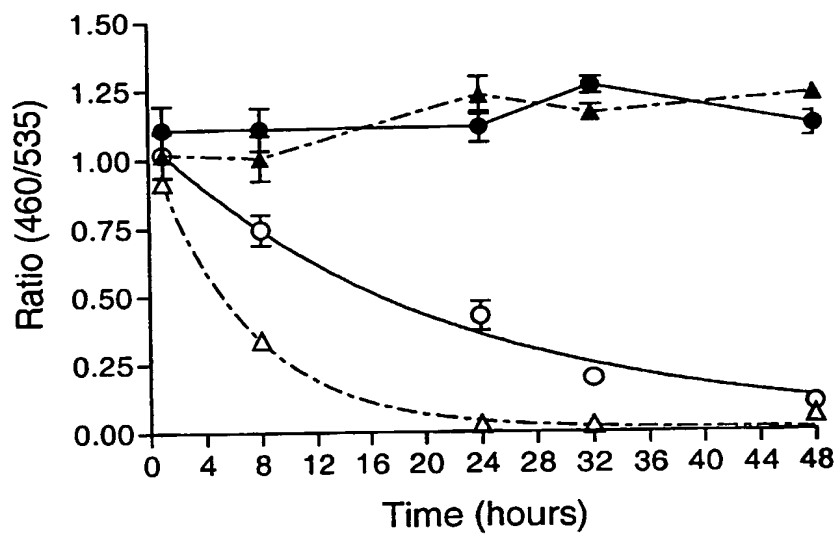


FIG. 6